



GREETINGS

The TFACA's Codes Enforcement Program offers a vibrant and challenging curriculum to codes officials, inspectors, design professionals and contractors in Tennessee and beyond. Our ability to provide dynamic codes / standards training on building, fire, plumbing, mechanical and electrical subjects is indeed unique. Development of our own courses allows us to customize the training material to meet your specific needs; whether it is the most recently published codes or courses based on previous editions.

While attending On-Campus courses, the student has access to an elaborate sprinkler lab, library, full-size residential home complete with code violations and hands-on instruction in state-of-the-art classrooms and labs. What an exceptional method of preparation for certification exams!

The Off-Campus program has become very successful and popular. By providing courses directly at various locations, inspectors from the Southeast are within a short drive of a challenging and stimulating discourse of relevant timely topics. Classes are offered in major metropolitan areas, as well as in bucolic settings of some of Tennessee's finest state parks. This program is perfect for inspectors, contractors and design professionals that need and want an educational opportunity, but can't be away from the office for more than a day.

And best of all, when you take a course offered by TFACA, you can have confidence; confidence that you will have an experienced instructor; confidence that the material will be presented in a professional manner; confidence that all TFACA Codes Enforcement courses are pre-approved for both Tennessee Inspector Recertification hours and International Code Council Continuing Education hours. (At print date, the Codes Enforcement Program is seeking CEU approval for architects and engineers.)

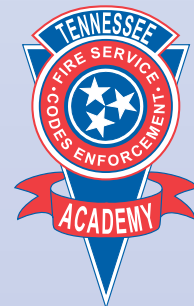
The goal and constant emphasis of this program is to provide only the best codes enforcement instruction available.

I hope you enjoy this catalog. Please contact a member of the TFACA Codes Enforcement Program staff for additional or further information.

Sincerely,
Denny J. Boss



Codes Enforcement Program Director





CODES ENFORCEMENT PROP HOUSE

The Academy provides students state-of-the-art multi-functional code scenarios in realistic residential and commercial settings.




INTRODUCTION

Codes Enforcement Regional Program

The Regional Codes Enforcement Program at the Tennessee Fire Service and Codes Enforcement Academy is committed to delivering quality codes enforcement training programs to local codes enforcement personnel. To ensure that TFACA programs are accessible to all personnel, classes are offered in metropolitan areas, as well as the bucolic settings of some of Tennessee's finest state parks. By bringing training courses directly to various locations, all regions are within a short drive of a challenging and stimulating discourse of relevant and timely topics. The goal and constant emphasis of this regional program is to provide the best instruction available to the codes enforcement community of Tennessee.

Individual codes enforcement departments, local area construction trade organizations and professional organizations may request on-site delivery of any of the TFACA's codes enforcement training programs previously listed in this course catalog. Offered primarily in a one-day format, courses consist of excerpts that are listed in this publication or requested specialty classes focusing on one major topic. These courses provide a broad range of training and educational opportunities that are geared for the inspector, design professional or contractor, who may not be able to be away from the office for an extended leave of time. In addition to our traditional one day classes, we have expanded the Regional Program to also include multi-day classes.

Questions regarding Regional Codes Enforcement program schedules, class presentations or additional information regarding your training needs, contact Steve Smith, Regional Codes Enforcement Instructor Supervisor at 931.294.4111 or 1.800.747.8868.




Codes Enforcement Off-Campus Class Locations

Architects **Engineers** **Inspectors** **Plan Reviewers** **Contractors**

You are never far from a TFACA Codes Enforcement class!
This map indicates possible locations for classes.
If you would like to schedule a class in your local area, or to suggest a class topic
please contact Steve Smith at:
1.800.747.8868, or steven.l.smith@state.tn.us


Continuing Education

1-day & Multi-day Classes



West **Middle** **East**

Course schedules are updated on the TFACA web site. Go to www.state.tn.us/commerce/sfm/tfaca or keyword tfaca for more information





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COURSE DESCRIPTIONS

GENERAL

INTRODUCTION TO CODES PRINCIPLES AND APPLICATIONS - C100

This course provides code enforcement officials with an overview and application of building and fire codes and how codes are interpreted. Topics include terminology, construction types, code familiarization, plans review, and enforcement methods.

Course Hours: 21
Course Fee: \$145.00



COMPUTERS IN CODES ENFORCEMENT - C101

This course concentrates on computer applications in the code enforcement discipline and covers terminology, security, electronic mail, word processing, spread sheets, code enforcement software, and storing, retrieving and compiling data.

Course Hours: 14
Course Fee: \$95.00

LEGAL ASPECTS OF CODE ADMINISTRATION - C102

This course provides code enforcement officials with a broad understanding of national and state laws affecting property and code compliance. Topics include administrative law, property law, liability, and negligence.

Course Hours: 7
Course Fee: \$45.00



ZONING INSPECTOR AND PROPERTY STANDARDS – C103

This course covers the fundamentals of interpreting zoning and property standards. Topics include receiving and recording complaints, complaint investigations, identifying violations, issuing notices, evidence file development, public presentations and providing information to the public.

Course Hours: 7
Course Fee: \$45.00

HOW TO PREPARE FOR A CERTIFICATION EXAM - C104

This course provides the student with general preparatory information for certification examinations. Topics include the use of reference books and materials, exam format, compiling a study guide and maximizing study time.

Course Hours: 7
Course Fee: \$45.00

RULES AND REGULATIONS GOVERNING CONTRACTORS, ENGINEERS AND ARCHITECTS - C105

This course covers the rules, regulations and state laws that govern contractors, engineers and architects. Topics include licensing requirements, projects that require licensed contractors, engineers or architects, and violations and penalties.

Course Hours: 7
Course Fee: \$45.00

INTRODUCTION TO PLANS REVIEW - C106

This course provides instruction in basic blueprint reading skills including terminology and symbols, site plans, floor plans, and elevation and cut details.

Course Hours: 28
Course Fee: \$190.00

APPLICATIONS OF CODE MATHEMATICS - C107

This course presents the fundamentals of code mathematics, math calculations and conversions. Building calculations include allowable height and area, square footage and cubic footage of areas that are rectangular and non-rectangular having flat and vaulted roofs or ceilings, occupant load, and egress requirements. Plumbing calculations include occupant loads, fixture requirements and fixture loads, and pipe sizing. Mechanical calculations include unit sizing, duct and register sizing, and allowable lengths of ducts. Electrical calculations include voltage drop, box fill and conduit fill.

Course Hours: 7
Course Fee: \$45.00

ACCESSIBILITY INSPECTOR AND RELATED CODE APPLICATIONS - C108

This course concentrates on construction, installation, inspection requirements, techniques, and the procedures necessary to provide the knowledge needed to assure the minimum code requirements for barrier free design are met. Topics include accessibility requirements, fixture locations, and travel distances.

Course Hours: 7
Course Fee: \$45.00

CERTIFIED BUILDING OFFICIAL LEGAL AND MANAGEMENT – C109

This course provides codes enforcement administrators with the organizational, regulatory and reporting aspects of management. Topics include administrative management, financial management, records management and personnel management. Additional topics include definitions, code adoption, code enforcement, land use and property standards, and due process.

Course Hours: 14
Course Fee: \$95.00

CERTIFIED BUILDING OFFICIAL TECHNOLOGY – C110

This course will provide the student with an overview of the technical codes. Architectural, structural and building systems plans review procedures are addressed. Additional topics include definitions, code enforcement and code interpretations.

Course Hours: 21
Course Fee: \$145.00

SIGNIFICANT CODE CHANGES - C111

This course covers the most significant code changes approved during the most recent code change cycle. It also explains the code change process and how to participate.

Course Hours: 7
Course Fee: \$45.00





OVERVIEW OF THE INTERNATIONAL ENERGY CONSERVATION CODE (RESIDENTIAL) – C112

This overview course provides the student with a working knowledge of the International Energy Conservation Code based on residential requirements. Topics include construction, installation requirements and inspections. Additional topics include forms and checklists.

Course Hours: 7
Course Fee: \$45.00

OVERVIEW OF THE INTERNATIONAL RESIDENTIAL CODE – C113

This overview course provides the student with basic knowledge of the most current edition of the International Residential Code. Topics include the major components of the structural, mechanical/gas, plumbing and electrical requirements.

Course Hours: 7
Course Fee: \$45.00

INSPECTION OF STORAGE OCCUPANCIES – C114

This course provides codes enforcement officials with a broad understanding of the rules and regulations affecting code compliance in storage occupancies. Topics include types of storage occupancies and regulations for hazardous and non-hazardous storage.

Course Hours: 7
Course Fee: \$45.00

BUILDING CODES

BUILDING INSPECTOR I - CB100

This course is designed as a preparatory course to assist the new inspector in preparing to sit for the ICC Commercial Building Inspector Exam. This course is taught using the ICC format and provides the student with the knowledge and skills needed to examine buildings and structures for compliance with the International Building Code. Topics include structural components, non-structural components and inspection / enforcement methods.

Course Hours: 35
Course Fee: *\$240.00

*This basic course will be reduced to \$40.00 to qualified individuals if funds are available. Contact TFACA for more information.

BUILDING INSPECTOR II - CB101

This course concentrates on construction and inspection requirements, techniques and procedures, and the technical knowledge needed to assure that the minimum requirements for commercial construction are met. This is an intermediate course dealing with complex construction and fire protection requirements for single and multi-story buildings in excess of 60,000 total square feet.

Course Hours: 21
Course Fee: \$145.00

RESIDENTIAL BUILDING PRINCIPLES AND CODE APPLICATIONS - CB102

This course is designed as a preparatory course to assist the new inspector in preparing to sit for the ICC Residential Building Inspection exam. Topics include an understanding of simple



residential construction, primarily wood frame construction. Additional topics include foundation walls, structural components, means of egress and fire separation requirements.

Course Hours: 28
Course Fee: \$190.00*

*This basic course will be reduced to \$40.00 to qualified individuals if funds are available. Contact TFACA for more information.

COMMERCIAL BUILDING PRINCIPLES AND CODE APPLICATIONS - CB103

This course concentrates on construction and inspection requirements, techniques and procedures, and the technical knowledge needed to assure that the minimum requirements for commercial construction are met. This is an advanced course dealing with complex construction and fire protection requirements of single and multi-story buildings of unlimited height and area requirements.

Course Hours: 21
Course Fee: \$145.00

PROPERTY MAINTENANCE AND HOUSING CODE APPLICATIONS - CB104

This course concentrates on construction and inspection requirements, techniques and procedures, and the technical knowledge to assure that rehabilitated residential structures comply with the minimum requirements. Topics include the rehabilitation process, construction materials, fundamentals of construction, and fundamentals of equipment systems.

Course Hours: 7
Course Fee: \$45.00

EXISTING BUILDING PRINCIPLES AND CODE APPLICATIONS - CB105

This course provides the basic knowledge and skills to guide the inspection of existing buildings and structures. Topics include inspection practices and procedures, fire prevention application, and building maintenance applications.

Course Hours: 7
Course Fee: \$45.00

MODEL ENERGY CODE PRINCIPLES AND CODE APPLICATIONS - CB106

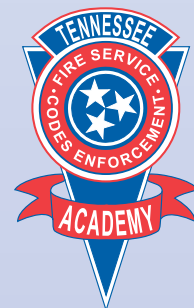
This is a comprehensive course which concentrates on construction, installation and inspection requirements, techniques and procedures, and the technical knowledge needed to assure that the minimum requirements of the model energy code are met. Topics include buildings that must comply, forms and checklists, and the compliance process.

Course Hours: 7
Course Fee: \$45.00

COMMON EXCAVATING AND GRADING REQUIREMENTS - CB107

This course covers excavation and grading requirements. Topics include terminology, cuts, fills, slopes, materials, drainage, terracing and erosion controls.

Course Hours: 7
Course Fee: \$45.00





BUILDING CONSTRUCTION COMBUSTIBLES AND NON-COMBUSTIBLES - CB108

This course provides an understanding of combustibles and non-combustible construction materials. Non-combustible materials include steel, concrete, and masonry products. Combustible materials include wood, laminated veneer lumber, paper, and plastics. Other topics include interior wall coverings and fire retardant materials.

Course Hours: 7
Course Fee: \$45.00

PROPERTIES OF WOOD FRAME CONSTRUCTION - CB109

This course concentrates on principles and procedures for determining the design values for wood frame construction. Topics include the appropriate method for using basic code-referenced design documents to determine correct design values for floor, wall and roof framing components. Construction practices and inspection requirements are also discussed.

Course Hours: 7
Course Fee: \$45.00

STRUCTURAL STEEL INSPECTION AND CODE APPLICATIONS - CB110

This course concentrates on construction, installation and inspection requirements, techniques and procedures, and the technical knowledge needed to assure that the minimum requirements for the installation of structural steel are met. Topics include terminology, steel shapes and sizes, and identification of welds, cables and bolts.

Course Hours: 7
Course Fee: \$45.00

MANUFACTURED / MODULAR HOME PRINCIPLES AND CODE APPLICATIONS - CB111

This course concentrates on construction, installation, inspection requirements, techniques, procedures, and the technical knowledge needed to assure the minimum requirements for manufactured and modular homes are met. Topics include terminology, factory standards, and foundation/anchoring/permit requirements.

Course Hours: 7
Course Fee: \$45.00

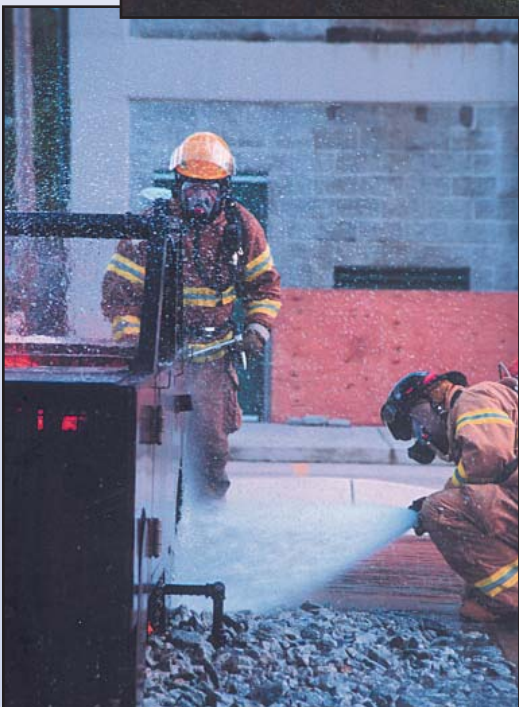
NON-STRUCTURAL PLANS REVIEW - CB112

This course concentrates on fire and life safety design and construction requirements to assure that the minimum requirements for occupancy classification, building parameters, construction type, separation requirements, means of egress and fire protection requirements are met. This course focuses primarily on commercial construction.

Course Hours: 21
Course Fee: \$145.00

SPECIAL OCCUPANCY PLANS REVIEW AND CODE APPLICATIONS - CB113

This course concentrates on construction, installation, and inspection requirements, techniques and procedures, and the technical knowledge needed to assure the minimum requirements are



met. Topics include terminology, egress requirements, tenant separation requirements and fire protection requirements.

Course Hours: 7
Course Fee: \$45.00

SEISMIC INSPECTION AND PLANS REVIEW - CB114

This is a comprehensive course, which concentrates on construction, installation and inspection requirements, techniques and procedures, and the technical knowledge to assure that the minimum requirements for seismic standards are met. Topics include terminology, building code seismic requirements, seismic maps and seismic anchoring requirements.

Course Hours: 14
Course Fee: \$95.00

MEANS OF EGRESS - CB115

This course concentrates on construction, inspection requirements, techniques and procedures and the technical knowledge needed to assure minimum requirements of egress related elements of building construction are met. A review of the applicable requirements of residential and commercial construction is included.

Course Hours: 7
Course Fee: \$45.00

CONCRETE AND MASONRY PRINCIPLES AND CODE APPLICATIONS - CB116

This course concentrates on construction and inspection requirements, techniques and procedures and the technical knowledge needed to assure minimum requirements for the installation of concrete or masonry components are met. Additional concentration on soil properties, special soil conditions, footings, foundation walls, and retaining walls of both residential and commercial applications is also included.

Course Hours: 7
Course Fee: \$45.00

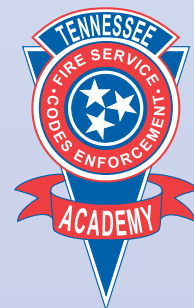
PERFORMANCE BASED EQUIVALENCY EVALUATIONS - CB117

This course provides building plan reviewers with the knowledge of construction material standards and substitutes for those standards. Topics include alternative construction materials and properties, equivalency criteria and applications, and procedures for approving substitutes.

Course Hours: 7
Course Fee: \$45.00

SEISMIC AND WIND BRACING REQUIREMENTS FOR WOOD FRAME CONSTRUCTION – CB118

This course provides the information necessary to the student to properly understand and use the International Residential Code (IRC) and the International Building Code (IBC) for wood-frame construction of walls. The student gains knowledge on the proper techniques for framing with traditional and engineered wood products. Standards referenced in the code will be reviewed and their application will be illustrated. Special attention is given to engineered wood products. Particular areas of emphasis include installation requirements unique features peculiar to braced wall requirements for seismic-resistive construction. The purpose of this course is to provide the





student with the required information needed to enable him/her to be familiar with and understand the SBC, IRC and IBC conventional wood-frame construction and engineered wood-frame construction with respect to wall bracing and framing.

Course Hours: 7
Course Fee: \$45.00

CHANGE OF OCCUPANCY CODE APPLICATIONS – CB119

This course covers the review procedures that should be followed if a change of occupancy is made. Types of construction, occupancy classifications and means of egress requirements are covered. Other topics include fire protection systems, rated assemblies and occupant loads.

Course Hours: 7
Course Fee: \$45.00

SPECIAL USES AND MIXED OCCUPANCIES – CB120

This course focuses on the particular details of special uses and mixed occupancy classifications. Unique building designs are thoroughly discussed. Covered malls, high-rises, underground buildings and atriums, among others, are examined. Additional topics include explanations and exercises involving incidental uses and mixed occupancies.

Course Hours: 7
Course Fee: \$45.00

OVERVIEW OF THE INTERNATIONAL BUILDING CODE – CB121

This course familiarizes the student with International Building Code. Topics include an emphasis on allowable areas and an understanding of the height and area requirements. Fire protection and construction requirements and the means of egress are also discussed.

Course Hours: 7
Course Fee: \$45.00

COMPARISON OF STANDARD BUILDING CODE 1997 EDITION (RESIDENTIAL PROVISIONS) TO INTERNATIONAL RESIDENTIAL CODE (2003 ed.) – CB122

CB122

This course discusses the differences that exist between the 1997 Standard Building Code and the International Residential Code 2003 edition. Topics include the differences between building planning, wood frame construction and alternative construction materials and methods.

Course Hours: 7
Course Fee: \$45.00

COMPARISON OF STANDARD BUILDING CODE 1999 EDITION (RESIDENTIAL PROVISIONS) TO INTERNATIONAL RESIDENTIAL CODE (2003 ed.) – CB123

This course discusses the differences that exist between the 1999 Standard Building Code and the International Residential Code 2003 edition. Topics include the differences between building planning, wood frame construction and alternative construction materials and methods.

Course Hours: 7
Course Fee: \$45.00



FIRE DESIGN AND MEANS OF EGRESS: COMPARISON OF THE STANDARD BUILDING CODE TO THE INTERNATIONAL BUILDING CODE (2003 ed.) – CB124

This course focuses on the comparison between the Standard Building Code (1997 and 1999 editions) and the International Building Code (2003 edition). An analysis of the critical facets of building design and construction are examined. Additional topics include components of fire design and the means of egress.

Course Hours: 7
Course Fee: \$45.00

COMPARISON OF STANDARD BUILDING CODE 1999 EDITION (RESIDENTIAL PROVISIONS) TO INTERNATIONAL RESIDENTIAL CODE (2003 ed.) – CB125

This course discusses the differences that exist between the 1999 Standard Building Code and the International Residential Code 2003 edition. Topics include the differences between building planning, wood frame construction and alternative construction materials and methods. This course is a condensed version of Comparison of Standard Building Code 1999 Edition (Residential Provisions) to International Residential Code (2003 ed.) – CB123

Course Hours: 4
Course Fee: \$25.00



ELECTRICAL

GENERAL ELECTRICAL CODE CONCEPTS - CE100

This course provides the student with a general overview of the National Electrical Code (NEC). It covers the basic concepts for construction, installation, inspection requirements, techniques and procedures. Code requirements related to planning and construction for residential and commercial construction are discussed.

Course Hours: 7
Course Fee: \$45.00

RESIDENTIAL ELECTRICAL PRINCIPLES AND CODE APPLICATIONS - CE101

This course concentrates on construction, installation and inspection requirements, techniques and procedures, and the technical knowledge needed to assure compliance with the national electrical code requirements related to planning and construction for residential construction.

Course Hours: 14
Course Fee: \$95.00

COMMERCIAL ELECTRICAL PRINCIPLES AND CODE APPLICATIONS - CE102

This course focuses on construction, installation and inspection requirements, techniques and procedures, and the technical knowledge needed to assure that compliance with the minimum national electrical code requirements related to planning and construction for commercial construction are met.

Course Hours: 21
Course Fee: \$145.00





COMMERCIAL ELECTRICAL PLANS REVIEW - CE103

This course concentrates on design and construction requirements to assure that the minimum requirements for materials, wire size, conduit requirements, voltage drop, panel size, and penetrations of rated assemblies are met. The course deals primarily with electrical applications in commercial buildings.

Course Hours: 21
Course Fee: \$145.00

FIRE CODES

FIRE INSPECTOR I – INTERNATIONAL CODE COUNCIL (ICC) - CF100 ICC

This course is designed as a preparatory course to assist the new inspector in preparing to sit for the ICC Fire Inspector I Exam. This class is taught using the ICC format and provides the student with the knowledge and skills necessary to examine buildings and structures for compliance with the International Fire Code and International Building Code. Topics include private fire protections systems, building construction, life safety codes, and inspections/enforcement methods.



Course Hours: 35
Course Fee: \$240.00*

*This basic course will be reduced to \$40.00 to qualified individuals if funds are available. Contact TFACA for more information.

FIRE INSPECTOR I – NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) - CF100 NFPA

This course is designed as a preparatory course to assist the new inspector in preparing to sit for the NFPA Fire Inspector I Exam. This course is taught using the NFPA format and provides the student with the knowledge and skills necessary to examine buildings and structures for compliance with NFPA standards and the International Fire Service Training Association (IFSTA) Manual. Topics include private fire protection systems, building construction, life safety codes, and inspection/enforcement methods.

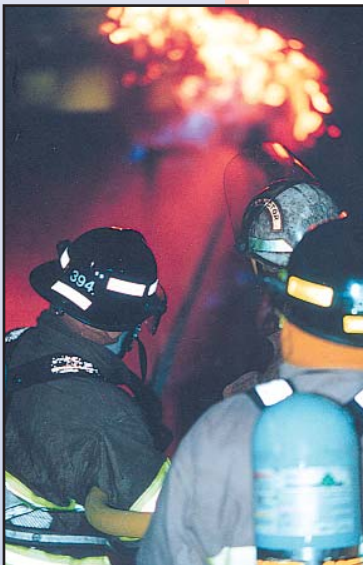
Course Hours: 35
Course Fee: \$240.00*

*This basic course will be reduced to \$40.00 to qualified individuals if funds are available. Contact TFACA for more information.

FIRE INSPECTOR II – INTERNATIONAL CODE COUNCIL (ICC) - CF101 ICC

This course concentrates on construction and inspection requirements, technique and procedures, and the technical knowledge needed to ensure minimum requirements are met. This advanced course deals with complex construction and fire protection systems using the International Code Council format. The course provides the student with the knowledge and skills necessary to examine buildings and structures for compliance with the International Fire Code and the International Building Code. Topics include private fire protection systems, building construction and inspection/enforcement methods.

Course Hours: 28
Course Fee: \$190.00



FIRE INSPECTOR II – NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) - CF101 NFPA

This course is taught using the NFPA format and concentrates on construction and inspection requirements, techniques and procedures, and the technical knowledge needed to ensure that the minimum requirements are met. This is an advanced course dealing with complex construction and fire protection systems. Topics include protective systems and equipment, building fire safety, hazardous materials and special hazards.

Course Hours: 28
Course Fee: \$190.00

FIRE SAFETY PLANS REVIEW - CF102

This is a comprehensive course, which concentrates on design and construction requirements to assure that the minimum requirements for fire safety are met. Topics include terminology, site requirements, hazardous materials, protection systems, special hazards, and National Fire Protection Association (NFPA) standards.

Course Hours: 28
Course Fee: \$190.00

BUILDING FIRE PROTECTION SYSTEMS - CF103

This is a comprehensive course which concentrates on construction, installation and inspection requirements, techniques and procedures, and the technical knowledge needed to assure that minimum standards for building fire protection systems are met. Topics include terminology, standpipes, types of sprinkler systems, types of alarm systems, system tests, water pressure and hydrants, and required inspections.

Course Hours: 7
Course Fee: \$45.00

FIRE PROOFING METHODS AND PROTECTION OF RATED ASSEMBLIES - CF104

This course concentrates on construction and inspection requirements, techniques and procedures, and the technical knowledge needed to assure that minimum requirements related to fire proofing and protection of rated assemblies are met. It includes a review of applicable residential and commercial construction requirements.

Course Hours: 7
Course Fee: \$45.00

FIRE SPRINKLER DESIGN AND PLANS REVIEW - CF105

This course provides inspectors with the knowledge and skills necessary to review the design and operation of fire sprinkler systems. Topics include types of sprinkler systems, standpipe systems, water supply and pressure, installation and maintenance requirements, and inspection.

Course Hours: 14
Course Fee: \$95.00





NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) LIFE SAFETY CODE PRINCIPLES - CF106

This is a comprehensive course, which concentrates on construction, installation and inspection requirements, techniques and procedures and the technical knowledge needed to assure that the minimum requirements are met. Topics include terminology, plans review, building construction, egress requirements, occupancy classifications, and building protection systems.

Course Hours: 21
Course Fee: \$145.00

STORAGE TANKS FOR COMBUSTIBLES PRINCIPLES AND CODE APPLICATIONS - CF107

This course concentrates on construction, installation and inspection requirements, techniques and procedures, and the technical knowledge needed to assure that minimum requirements are met. Topics include terminology, site requirements, materials, above and below ground tanks, hazardous and non-hazardous combustible materials and containment requirements.

Course Hours: 7
Course Fee: \$45.00

OVERVIEW OF THE INTERNATIONAL FIRE CODE – CF108

This course provides the student with a working knowledge of the International Fire Code. Topics include requirements for occupancy, building construction, fire service features of buildings, fire protections systems and means of egress requirements.

Course Hours: 7
Course Fee: \$45.00

OVERVIEW OF NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 72 NATIONAL FIRE ALARM CODE – CF109

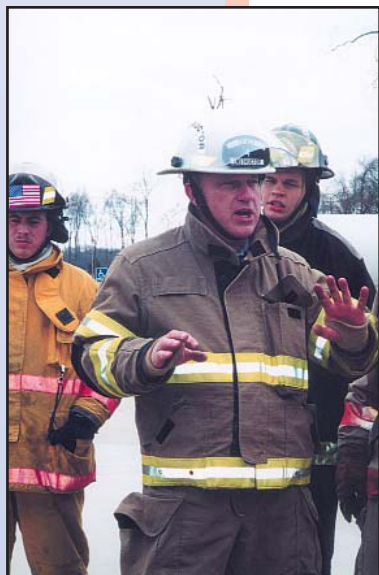
This course covers the fundamentals of fire alarms and detection systems and code requirements. (These requirements are occupancy specific; the student needs a basic understanding of occupancy classifications.) Topics include terminology, initiating devices, inspection, testing and maintenance. The course additionally addresses current issues in fire protection such as evacuation, security and integrated building systems.

Course Hours: 7
Course Fee: \$45.00

OVERVIEW OF NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 30 AND 33: FLAMMABLE AND COMBUSTIBLE LIQUIDS – CF110

This course examines typical problems associated with the use of flammable and combustible liquids and addresses the specific code requirements of NFPA 30 and 33 regulating their use. The use of flammable and combustible liquids in industrial applications is covered. Topics include proper storage and handling requirements, ventilation and proper fire protection requirements.

Course Hours: 7
Course Fee: \$45.00



OVERVIEW OF NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) LIFE SAFETY CODE PRINCIPLES(101) – CF111

This overview of the Life Safety Code covers construction, installation and inspection requirements, techniques and procedures, and the technical knowledge needed to ensure minimum requirements are met. Topics include terminology, plans review, building construction, egress requirements, occupancy classification, and building protection systems.

Course Hours: 7
Course Fee: \$45.00

MECHANICAL

GENERAL MECHANICAL AND GAS CODE CONCEPTS - CM100

This course gives the student an overview of mechanical and gas installations and covers the basic concepts for construction, installation and inspection requirements, techniques, and procedures. Code requirements related to planning and construction for residential and commercial systems are discussed.

Course Hours: 7
Course Fee: \$45.00



RESIDENTIAL MECHANICAL AND GAS PRINCIPLES AND CODE APPLICATIONS - CM101

This course focuses on construction and inspection requirements, techniques and procedures, and the technical knowledge needed to assure the minimum requirements for residential mechanical installations are met. The fundamentals of heat and air conditioning systems, terminology, and performing various calculations are also covered.

Course Hours: 14
Course Fee: \$95.00

COMMERICAL MECHANICAL AND GAS PRINCIPLES AND CODE APPLICATIONS - CM102

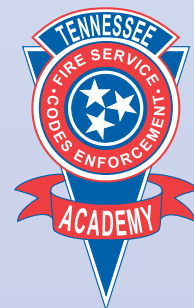
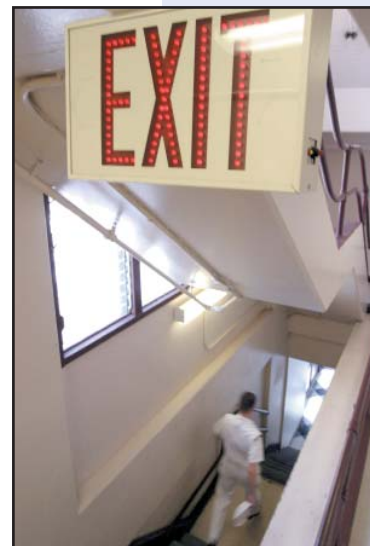
This course concentrates on construction and inspection requirements, techniques and procedures, and the technical knowledge needed to assure that the minimum requirements for commercial mechanical installations are met. This course deals with combustion and venting, materials and fittings, duct and venting systems, and fire protection requirements.

Course Hours: 21
Course Fee: \$145.00

COMMERICAL MECHANICAL AND GAS PLANS REVIEW - CM103

This course concentrates on design and construction requirements to assure that the minimum requirements for materials, duct size, unit size, gas pipe size and penetrations of rated assemblies are met. This course deals primarily with mechanical and gas applications as related to commercial structures.

Course Hours: 21
Course Fee: \$145.00





OVERVIEW OF THE INTERNATIONAL MECHANICAL AND FUEL GAS CODE – CM104

This course covers the basics of the International Mechanical Code and the International Fuel Gas Codes. The overview will help the student in understanding and applying these codes. Topics include piping (including sizing), exhaust systems, definitions, combustion air calculations, and chimneys and vents.

Course Hours: 7
Course Fee: \$45.00

GAS, PIPE AND VENT SIZING WORKSHOP – CM105

This course provides the student with a working ability to size and inspect gas piping and vents. The course also allows the student an understanding of the common terms and their application to gas pipe sizing. Additional topics include how to plan, size and inspect gas piping, and inspect chimneys, vent connectors and vents for single and multiple fuel burning appliances.

Course Hours: 7
Course Fee: \$45.00

PLUMBING

GENERAL PLUMBING CODE CONCEPTS - CP100

This course provides the student an overview of plumbing installation concepts and covers the basic concepts for construction, techniques and procedures, installation and inspection requirements. Code requirements related to planning and construction for residential and commercial construction are also discussed.

Course Hours: 7
Course Fee: \$45.00

RESIDENTIAL PLUMBING PRINCIPLES AND CODE APPLICATIONS - CP101

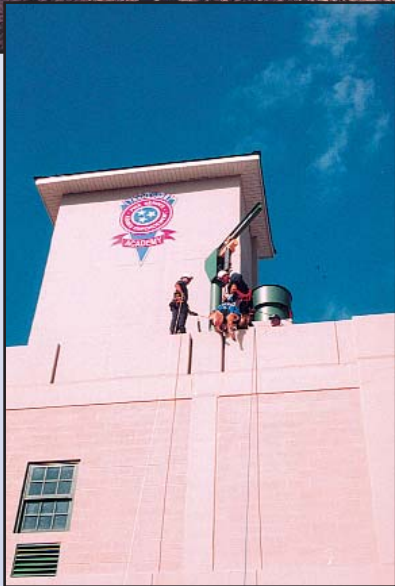
This course focuses on construction and inspection requirements, techniques and procedures, and the technical knowledge needed to assure the minimum requirements for residential plumbing are met. This course deals with the use of the code, basic plumbing terminology, and how to perform various plumbing calculations.

Course Hours: 14
Course Fee: \$95.00

COMMERCIAL PLUMBING PRINCIPLES AND CODE APPLICATIONS - CP102

This course concentrates on construction, inspection requirements, techniques and procedures, and the technical knowledge needed to assure that the minimum requirements for commercial plumbing are met. This course pertains to general regulations, materials, required fixtures, drainage and venting principles, and storm drain requirements.

Course Hours: 21
Course Fee: \$145.00



COMMERCIAL PLUMBING PLANS REVIEW - CP103

This is a comprehensive course that concentrates on design and construction requirements to assure that the minimum requirements for materials, water pressure, pipe sizing, and protection of penetrations in rated assemblies are met. This course focuses primarily on plumbing applications in commercial buildings.

Course Hours: 21
Course Fee: \$145.00

OVERVIEW OF THE INTERNATIONAL PLUMBING CODE - CP104

This overview provides the student with a working knowledge of the International Plumbing Code and covers construction requirements, inspection requirements and techniques and procedures. The course pertains to general regulations, materials, required fixtures, drainage and venting principles and storm drain requirements.

Course Hours: 7
Course Fee: \$45.00

PLANNING AND ZONING

POWERS AND DUTIES OF THE PLANNING COMMISSION / ZONING BOARD OF APPEALS – CPZ100

Local planning commissions and a zoning board of appeals play a vital role in any jurisdiction's operation. Knowledge of their powers, duties, limits and abilities, as well as liabilities are critical to the effective operation of these boards. This course covers special use, conditional use, right-of-ways and variances. Additional topics include discussions of issues that are common to all such boards, as well as examining what may be specific and unique to the ordinance in your local community.

Course Hours: 2
Course Fee: \$15.00

LAND SUBDIVISION – CPZ101

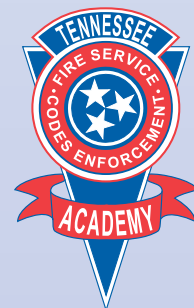
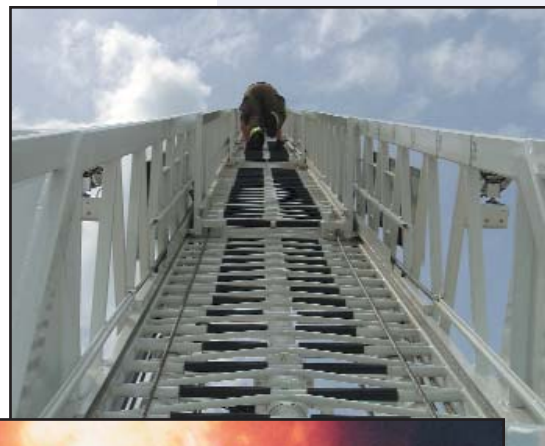
One of the most common presentations to a planning commission is the submittal of plans for land subdivision. This course covers the requirements; from conception to build-out, detailing major and minor subdivisions, lot configuration, frontage, grave/cemetery encroachments, right-of-ways, easements and surveying theory. Instruction includes the use of local subdivision regulations and continues with local and state regulations governing proper land subdivision.

Course Hours: 2
Course Fee: \$15.00

PARLIAMENTARY PROCEDURE – CPZ102

A working knowledge of Parliamentary Procedure helps planning commissions or zoning board of appeals obtain the tools required to effectively handle business. Motions, seconds, tabling, discussions and executive sessions are a few of the many items covered. Additional topics include records keeping, amending and withdrawing a motion, handling of citizens comments and what to do when chaos reigns.

Course Hours: 2
Course Fee: \$15.00





PUBLIC HEARING PROCEDURES – CPZ103

Protocol must be established in order to maintain a public hearing. This course offers time-tested guidance on proper methods of conducting a hearing and how best to deal with and resolve uncomfortable situations. Additional topics include records holding and advertising of public hearings to the intended audience.

Course Hours: 2
Course Fee: \$15.00

PUBLIC BUILDINGS – CPZ104

This course covers the fundamentals related to all public buildings. Code compliance, handicap accessibility, religious and public use in buildings is discussed. Additional topics include new construction requirements for designer and contractor qualifications.

Course Hours: 2
Course Fee: \$15.00

WIRELESS TELECOMMUNICATIONS FACILITIES – CPZ105

Wireless telecommunication towers are a common site. This course covers the requirements related to wireless telecommunications. Course topics include zoning, application, enabling legislation, required submittal documents, permitting, installation inspection and maintenance of wireless telecommunication towers.

Course Hours: 2
Course Fee: \$15.00

LAND USE – CPZ106

This course involves an introduction into local jurisdictions ability to regulate land use through zoning and shows the connection between the passing of land use regulations abilities from the Federal government to the state to local government. Instruction includes the restrictions placed on local governments to regulate communication equipment, group homes and manufactured homes (double wide mobile homes) by the state. Topics include information on how state laws protect non-conforming uses, sovereign immunity and how it applies to the different branches of government and when it must be recognized.

Course Hours: 2
Course Fee: \$15.00

HISTORICAL BUILDINGS: ZONING AND REHABILITATION – CPZ107

This course discusses the preservation of local governments' historical areas and encompasses the federal and state regulations as they pertain to obtaining jurisdiction as a recognized Historical Commission. Discussion also includes how to begin a historical district in your local community. Code provisions for maintaining and remodeling older, historical buildings are also covered.

Course Hours: 4
Course Fee: \$25.00



INTERNATIONAL CODE COUNCIL (ICC) CERTIFICATION PROGRAM FOR CODE PROFESSIONALS

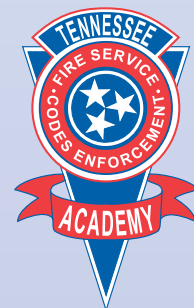
The student should be aware that instruction in these courses is designed to teach an understanding of the code, proper use of the code-book and how to administer the code. The courses are not designed to teach the certification exam. Individuals are responsible for contacting ICC for all certification examination applications and exam fees.

For more information, please contact ICC Exam Services at 205.591.1853 or www.iccsafe.org.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) CERTIFICATION PROGRAM FOR CODE PROFESSIONALS

The student should be aware that instruction in these courses is designed to teach an understanding of the code, proper use of the code-book and how to administer the code. The courses are not designed to teach the certification exam. Individuals are responsible for contacting NFPA for all certification examination applications and exam fees.

For more information, please contact NFPA's Certification Department at 617.984.7497 or www.nfpa.org.





POLICIES & PROCEDURES

~ Eligibility ~

Any person with affiliated involvement in fire suppression, fire prevention, emergency medical services, emergency management activities, building codes or fire codes enforcement or allied professionals are eligible to apply for Academy courses. The applicant must be at least eighteen years of age to apply.

The Tennessee Fire Service and Codes Enforcement Academy is an Equal Opportunity Institution. It does not discriminate on the basis of age, sex, race, color, religious belief, national origin, or disability in its admission and student-related policies and procedures.

~ Registration ~

Pre-registration for all on-campus courses is required. The Academy must receive registration forms at least 14 days prior to the start of the course. Tuition, dormitory and meal fees are required at the time of application for all on-campus courses. (Course enrollment is reviewed 14 days prior to the start of the program, and courses with fewer than the minimum number of students may be cancelled.) Payment may be made in the form of check or state journal voucher. Checks should be made out to the **Department of Commerce and Insurance – TFACA**. Incomplete forms or forms received without the registration fee will be returned. All registrations are on a first come, first served basis. Completed registration forms should be submitted to:

Tennessee Fire Service and Codes Enforcement Academy

Attn: Registrar
2161 Unionville-Deason Rd.
Bell Buckle, TN 37020

~ Cancellations ~

Students who are accepted into a course offering should take their obligation to attend very seriously. Individual course cancellation requests must be made in writing to the Registrar, and received no later than 14 days prior to the course start date to receive a refund. Cancellations received after the 14-day period will result in the loss of 10% of the course fee or a minimum of \$15.00. Notice of cancellation should include the course name, course number, delivery date and the name and social security number of the student. Cancellation notice must be submitted by mail or fax. Confirmation of cancellation will be mailed or faxed to your department.

~ Student Substitution ~

Any change to student registration should be submitted to the Registrar by the student's sponsoring agency, in written form, by mail or fax, and must be received at least 24 hours (1 work day) prior to the scheduled start of class. A completed registration form for the new student must be submitted along with the written request for substitution. Substitutions must meet course prerequisites. Substitutions will not be accepted until confirmed by the Registrar.

~ Dormitory ~

All dorm room reservations are subject to availability. We will register students and staff on a first come, first served basis. In the rare event that rooms are not available, every effort will be made to assist the student to find accommodations locally or within a reasonable distance from the Academy. Rooms are private with semi-private bathroom facilities. Except in the case of married couples both attending class, male and female students will not share rooms or semi-private bathroom facilities. Married couples should contact the Academy's admission office to make special room arrangements. Bed linens, towels and soap are provided along with an alarm clock radio and telephone. Students arriving on the day before classes start may request additional



nights on the Accommodations form included with the student confirmation letter. Lodging fees are \$40.00 per night, unless otherwise noted. This fee includes breakfast, lunch and dinner. All students staying in the dormitory must check in at the Registration Building between 4:00 p.m. and 9:00 p.m. on the day before classes start, or no later than thirty minutes prior to course start time on the first day of class. Only students enrolled for training may stay in the dormitory. On site security is responsible for the safety, conduct and security of dorm occupants, and will be available to assist students during non-training hours. If students need to return to their room during class hours, permission must be granted by the course instructor.

Check-out is by 8:00 a.m. the last day of class and room keys must be deposited in the key drop located at the registration desk before attending class. Failure to return the key before class or using the room after the designated check out time may result in additional room charges. A lost key will require a \$10.00 replacement fee.

Dormitory furnishings are the property of the State of Tennessee. Rooms are inspected prior to student arrival and upon student departure. Any damaged or missing property will be charged to the student(s) responsible, and/or official(s) of the student's sponsoring agency. A request for admission to the Academy will be construed as an implied consent to any investigations and/or searches that may become necessary. Proper authorities will conduct these investigations and searches.

All dorm residents shall conduct themselves in a professional and courteous manner at all times, taking care that their activities do not interfere with the study or sleep of other residents.

Dormitory visitors will be allowed only between the hours of 5:00 p.m. and 9:00 p.m. Upon arrival, all visitors MUST check in at the Registration building and receive a visitor's pass. All visitor passes must be turned in by 9:00 p.m.

The Academy grounds will be secured at 11:00 p.m. All students should be back on the grounds prior to this time. All personnel will be required to show proper identification for re-entry after gates are closed. Security checks will be made of the Academy complex continuously during the night.

~ Fire Station Occupancy ~

Certain recruit firefighter class students will be assigned accommodations in the Fire Station. Sleeping rooms in the fire station will accommodate two students per room. Male and female students will not be roomed together, with the exception of married couples. Fire Station accommodations are \$30.00 per night and include breakfast, lunch and dinner.

~ Meals ~

For students staying on campus, breakfast, lunch and dinner meal charges are included in the dormitory fee. A meal ticket will be issued to the student upon dormitory check-in. All students attending more than a half-day course are required to purchase a lunch meal ticket for each day of class. Requests for exemptions are made through the Hospitality Manager on a case-by-case basis.

A meal ticket can be purchased by students not staying on campus or by TFACA visitors. These meal tickets should be purchased in advance, if possible, by contacting TFACA at (931) 294-4111 or 1-800-747-8868. Meal tickets can also be purchased at the Registration Building. Contact TFACA for current meal ticket prices.

~ Emergency Contact ~

In the event of emergency, students may be contacted at the Academy's toll free number, 1-800-747-8868, during regular business hours. After hours, please contact the TFACA security office at (931) 294-4200.





~ Mail Delivery ~

All types of mail correspondence for students should be addressed as follows:
Student Name (Course ID)
c/o TFACA
2161 Unionville-Deason Rd.
Bell Buckle, TN 37020

~ Special Accommodations ~

Students who require special accommodations under the Americans with Disabilities Act (ADA) must make this request at the time of registration and must provide the Registrar with sufficient documentation verifying disability. Eight (8) dormitory rooms have been designed to meet disability standards. Students may request additional time for the written examinations or receive oral rather than written examinations. (Oral examinations for firefighter certification are not allowed.)

~ Personal Items ~

The Academy does not assume any responsibility for loss, theft, or damage of personal items.

~ Safety ~

Students / Visitors are NOT allowed to stand, sit or in any manner ride in a truck bed, sidewalls or tailgates of any moving vehicle while on the Academy property, regardless of the vehicle ownership.

~ Weapons and Explosives ~

Weapons of any type and/or explosives are prohibited on Academy grounds except as may be specifically required to conduct official training. This includes, but is not limited to firearms, ammunition, knives, blasting agents, and/or fireworks. Commissioned law enforcement officers may retain their weapons while attending specific related training. All prudent safety measures regarding the weapon are the responsibility of the law enforcement official.

~ Alcohol and Tobacco ~

Alcoholic beverages are not allowed on facility grounds. Student under the influence of alcohol or any controlled substance may not participate in Academy training programs. This includes narcotics or any other agent that may impair judgment or physical ability to participate. Some prescription medications may have such an effect, and could interfere with or prevent class participation. Students who may be using such medication should inform the instructor for a determination of safe participation.

State law **prohibits** the use of any type of tobacco products inside **all** buildings on campus (including dorm rooms). Designated outside smoking areas are provided. Please use proper containers for disposal.

~ Parking ~

Students staying on campus must register their vehicle upon arrival in the Registration building. Picture identification and automobile registration or license number must be presented when the vehicle is registered. A parking permit will be issued, which must be displayed on the vehicle while on campus. Campers and RV's for overnight sleeping are not allowed.

~ Recreation ~

A weight and exercise room, pool tables and electronic games are available for the student's use. Use of the exercise room is encouraged; however, for safety reasons, it is highly recommended that students have a spotter. Before beginning any exercise program activity, the individual should seek the advice of their personal physician. Students unaccustomed to using an exercise room should seek the assistance of a staff instructor, or you may refer to **NFPA 1583 – Health-Related Fitness Programs for Fire Fighters**.



An outside recreational area, which includes a horse shoe pit and volley ball area, is available for student use between the registration building/dormitories and the training complex on the east side of the road.

~ Laundry ~

A coin operated laundry room is available for student's use in the Registration building.

~ Student Conduct ~

Academy administration officials will review all infractions committed by students. These include, but are not limited to: violations of established Academy guidelines, violation of law(s), gambling or possession of illegal substances; disorderly conduct, racial or sexual slurs or harassment; profane, obscene or vulgar language, damage to property or any action that interferes with training or endangers the safety of any individual. A determination that a student has committed a violation may result in dismissal from the Academy. Safety in all Academy operations is of utmost importance. Conduct interfering with safety will not be tolerated.

~ Grievances ~

Grievances should be made in writing to the Executive Director. The Executive Director will determine the appropriate action. All decisions are final.

~ Dress Code ~

It is each student's responsibility to use good judgment in selecting attire that projects a professional image and is appropriate for both climate changes and classroom activities or practical training. The staff of the Academy has the authority to make a determination as to whether a student's attire may be deemed inappropriate. Students whose attire is determined to be inappropriate will be required to change before being allowed to continue class. Inappropriate attire consists, but is not limited to, rude or vulgar quotations imprinted on shirts, obscene pictures on clothing, jeans with revealing holes or tears, etc. Shorts, tube tops, halter tops, spandex, sweat pants, sleeveless shirts, ball caps, open toe sandals, flip-flops, bathing suits, etc. are **not permitted in classrooms**.

~ Cheating ~

Any student found cheating during training will be subject to immediate dismissal.

~ Class Attendance and Schedule ~

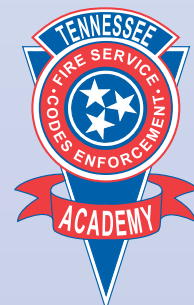
Students must attend all class sessions and successfully complete the course evaluation criteria to receive a certificate. The standard hours of operation for the Academy are 8:00 a.m. to 5:00 p.m., Monday through Friday. For specific course times, please refer to the information mailed to you upon acceptance. The instructor will present a schedule of activities for each course on the first day. Weekend and special night classes may be scheduled in some courses.

~ Illness or Injury ~

Ill or injured students must report immediately to the instructor. An incident report must be completed on **all** injuries regardless of nature. Students are required to be covered by the agency they represent with Worker's Compensation Insurance or private insurance coverage. The Tennessee Fire Service and Codes Enforcement Academy does not provide Worker's Compensation or medical insurance coverage for students, and assumes no liability or responsibility for illness or injury experienced while attending or participating in Fire Service and Codes Enforcement programs.

~ Physical Training ~

All students must participate in every aspect of training. Failure to participate will result in an "Incomplete" grade in the course. Certain fire service courses involve intense physical exertion and/or physical fitness training activities. Students participating in these courses should meet the





physical and medical requirements for firefighters as identified in the following standards: **NFPA 1500** - *Fire Department Occupational Safety and Health Program* and **NFPA 1582** – *Medical Requirements for Fire fighters and Information for Fire Department Physicians*. Participation may cause elevated body temperature, increased pulse, respiration and blood pressure; and may cause mental stress, affecting the student's ability to react quickly to emergency situations.

Persons with known heart or lung disease, hypertension, pregnancy or other conditions that may put them at increased risk of injury or illness are advised to check with their physician before participating in any of these activities.

Due to the strenuous work requirements in some of the courses offered, the Academy recommends that participants secure a professional evaluation of their physical condition through their personal or departmental physician, prior to enrolling in those courses.

Some classes require the student to provide a signed physician's physical exam and release, and/or a personal physical waiver before class participation. Students will be notified when registering for a course requiring medical certification.

To successfully complete a course, the student must participate and adequately perform all required training activities. It is the student's sponsoring organization's responsibility to ensure the individual is medically and physically fit to perform firefighting activities based upon applicable state and national standards.

~ Cell Phones, Pagers and Radios ~

Classroom disruption by communication devices will not be tolerated. Please turn off the device or place it on vibrate while in class, if necessary.

~ Tardiness ~

Students are required to be punctual for all classes, training and activities. Classes will begin promptly at the scheduled time, unless specific instructions are given to the contrary.

~ Absences ~

Unless specific permission is received from the instructor, students are not permitted to leave Academy courses during training hours. Failure to comply will result in an unexcused absence and possible dismissal. Emergency leave may be allowed for legitimate reasons. Make up of all classes and exams missed during a student's absence shall be completed upon the student's return. Make up of classes in some courses may not be available until the next scheduled course, and the student's record will indicate "Incomplete".

~ Withdrawals ~

Should it become necessary for a student to withdraw from a course, the course instructor must be notified. All equipment and supplies issued to the student must be returned before leaving class.

~ Releasing Transcripts ~

Training records and student transcripts will be released only upon written request of the individual student. The student's name, social security number and mailing address must appear on the request. Transcripts will not be released unless all dorm, meals, and course fees have been paid.

~ Personal Protective Equipment ~

Certain fire service classes require the student to provide and wear personal protective equipment (PPE). For classes involving "live" firefighting training activities beyond the incipient fire level, students are required to have: firefighter protective clothing consisting of bunker coat and pants, boots, helmet, gloves, hood, positive pressure SCBA and PASS device, all conforming to NFPA,



OSHA, or NIOSH standards. The Academy will have a limited amount of PPE, SCBA's and PASS devices for use in class for departments that can't supply these items. Arrangements to use Academy personal protective equipment must be made prior to class.

Other courses may require certain levels of personal protective equipment. All equipment must meet NFPA, OSHA, NIOSH or other applicable standards.

~ Library ~

The Library hours will be posted in the Classroom Building.

~ Bookstore ~

The Academy bookstore is located in the Administration Building and is open on selected days of each week. Days and hours of operation are posted weekly in the registration office and the classroom building. Hours of operation can also be obtained from the receptionist in the Administration Building.

~ Hospitality ~

We strive to make your visit to the Tennessee Fire Service and Codes Enforcement Academy a satisfying experience. Any facility suggestions or comments may be forwarded to:

Tennessee Fire Service and Codes Enforcement Academy
2161 Unionville-Deason Road
Bell Buckle, TN 37020
1-800-747-8868
Fax: 931-294-4121



Pricing is subject to change subsequent to catalog publishing. Please contact TFACA for further information.





MULTIMEDIA LENDING LIBRARY

GENERAL INFORMATION

The Tennessee Fire Service and Codes Enforcement Academy (TFACA) Multimedia Lending Library is established for the purpose of loaning training materials to the State of Tennessee Fire Service and Codes Enforcement communities to support local training.

This document contains general information, an explanation of the Lending Agreement, instructions for ordering, and the catalog of resource materials.

The overall success of the Lending Library is based on your treatment of the loaned materials, and prompt viewing and return of those materials.

Upon execution of the Lending Agreement form, an agency may obtain, on a loan basis, and at no cost other than return shipping and insurance, any item listed in the catalog, pending availability.

No materials will be loaned to out-of-state agencies or organizations.

To ensure availability of these materials, the TFACA reserves the resource materials listed in the catalog for the exclusive use of the Multimedia Lending Library participants.

A copy of the Multimedia Lending Agreement is included as part of the package. A loose copy is also provided for submission to the Tennessee Fire Service and Codes Enforcement Academy by participants.

Loan requests will be accepted via standard mail, electronic mail (email), and facsimile. Verbal requests will not be accepted.

In the event an item is damaged, lost, destroyed, accidentally erased or otherwise tampered with, the borrowing agency is responsible for the cost of its replacement, based on the item's original market price as set by the retail distributor/vendor at the time of replacement.

Insuring loaned items for the amount of \$50 is requested in order to limit an agency's liability. Failure to insure material when returning items does not relieve the borrowing agency of its financial responsibility as stated in the Lending Agreement.

Each agency participating in the Multimedia Lending Library is required to submit the names of two representatives that are authorized to request resource material from the library. Naming two (2) agency representatives ensures that the Fire Chief or senior Codes Enforcement official knows who might be borrowing materials on behalf of their agency. TFACA will not accept requests from other than the two (2) persons identified on the Lending Agreement.

1. The requested viewing period shall not exceed (1) one week. It is advisable to prioritize your request and list more than 2 items; in that, your first choice(s) may not be available at the specific time you want them. There is a limit of two items at a time. Additional materials will not be sent until the first two items have been returned.
2. All requests must be in writing (mail, electronic mail, or facsimile). The written request must include the following information:
 - a. Agency name.
 - b. Name of person requesting materials.
 - c. Physical address.

- d. Viewing date.
 - e. Title and library number.
 3. Place your orders as far in advance as possible. Items are shipped approximately ten (10) days prior to your scheduled viewing time, in order to ensure on-time delivery of the items and to allow for previewing time.
 4. In the event an item is not available for the requested viewing date(s) the request would be placed on a waiting list. Notification of the earliest show date available will be made, and you must accept said notification within 15 days of its receipt.
 5. After viewing, please complete the survey enclosed with each item and return with the item. This information is important to our records, and notes any needed repairs or replacement required.
 6. **DO NOT MAKE ANY REPAIRS TO THE ITEMS.** The Lending Library will make ALL necessary repairs.
 7. Items are to be returned no later than the regular business day after the scheduled viewing period. Under no circumstances should you hold the item for another “unscheduled” showing or loan it to another organization for their use. Many of the items are scheduled back-to-back and need to be re-sent to someone else as soon as they are returned.
- *If you feel it is necessary to keep the item longer than your scheduled time, call TFACA to confirm whether or not this will be acceptable. If the item is not scheduled your lending time may be extended.
8. Returned items should be mailed and insured for the recommended amount of \$50.00.

To order item(s) send requests to the attention of:

Multimedia Lending Library
Tennessee Fire Service & Codes Enforcement Academy
2161 Unionville-Deason Road
Bell Buckle, TN 37020
tfaca.info@state.tn.us

Other Sources-The Tennessee State Fire Marshal’s Office has a comprehensive lending library with primary emphasis on public fire education and fire prevention and can be contacted at 615-741-2981.

Copyright-Virtually all materials contained in the Multimedia Lending Library are copyrighted. TFACA cannot approve the reproduction of copyrighted materials. You are reminded that violation of copyright laws is a Federal offense. As a learning institution we have obtained permission to copy for our education program. TFACA can not approve additional reproduction.

Suggestions for Multimedia Materials-It is very important that the equipment used to run any multimedia materials be in good working order and operate in accordance with manufacturer’s instructions. Equipment should be stopped immediately if the picture or sound becomes distorted. Continued operation under these conditions will probably damage the item beyond repair.

A suggested showing procedure for the instructor to follow is described below:

1. Before the class begins, **PREVIEW** the multimedia material. Determine the key points, and prepare a brief list of discussion questions.
2. **INTRODUCE** the material to the students. Explain how the contents will benefit them, and identify key points to look for.
3. **SHOW** the material, stopping as necessary to discuss key points or to answer questions.
4. Following the showing, encourage questions and **DISCUSSION** by the students. The discussion questions previously prepared should be used to ensure that students understand and can apply the skills and knowledge presented in the material.
5. Following discussion, time should be planned to review the material. In many cases, an instructor’s guide accompanies the training material, and should be reviewed and followed.





IMPORTANT USER NOTICE

The Tennessee Fire Service & Codes Enforcement Academy (TFACA) provides the training materials available through the Multimedia Lending Library to Tennessee fire service and code enforcement communities as an educational resource and service. In doing so, TFACA does not necessarily condone or recommend activities or training procedures depicted or described in the material. It is the responsibility of each fire department's chief or code department official and their respective training officer(s) to determine the suitability of the material for their department based on current standards and recognized practices. Any training materials should only be used as part of a comprehensive and well structured training and educational program that stresses safety and operational procedures of the fire or codes department. TFACA is not accountable for the information presented and is not responsible for the practical application of any knowledge and skills gained from viewing materials borrowed from the Multimedia Lending Library.

Catalog Listings-

Each item listed in this catalog includes the following information:

Title
Library number
Format
Brief description
Multimedia Lending Library
Catalog of Resource Materials

BASIC FIRE FIGHTING

A, B, C, & D's of Portable Fire Extinguishers (LV-34)

26 Minutes

A step-by-step description of how to operate and use portable fire extinguishers. It describes what is contained in extinguishers and how they work. It shows, using typical industrial background, which extinguishers should be used on the various kinds of fires and how to be applied. An excellent summary for municipal, commercial, and institutional fire safety programs.

A Day to Remember (LV-30)

28 minutes

Any firefighter can make a mistake, veteran as well as rookie. This film emphasizes the importance of turning each mistake into a learning experience. An action-packed drama of a rookie's first day on the job. When the alarm sounds, rookie Tim Nolen is off to learn the ropes from smoke-eating veteran Jake Wheeler. Before this day of heavy fireground action is over, two major blazes and a smoke-hidden little girl expose Time and Jake to hands-on lessons in every aspect of modern day firefighting. The post-fire critiques reveals that both rookie and veteran have made mistakes on this hectic day, that there is no such thing as too much fire sense, and no room for complacency in the fire service.

Advanced Rescue Techniques (LV-15)

30 minutes

Dramatically simulates advanced rescue procedures, using a variety of tools, at cave-ins, multi-story structures, and auto accidents. Also demonstrates hydraulic rescue tools and airlift bags. Defines rescue functions and describes and illustrates the steps in a rescue process; involving motor vehicle accidents, differences in elevations, and structural collapse and cave-ins.

Advanced Ventilation Techniques (LV-39)

30 minutes

An on-the-scene demonstration of both horizontal and vertical ventilation techniques using power tools. Shows how to determine the location and size of a vent hole, take precautions and safety measures, and minimize damage to property by venting through existing openings.

Anatomy and Behavior of Fire (LV-61)

25 minutes

Creates an understanding of fire by demonstrating flame speed, back draft, phases of burning, classes of fire, and heat transfer.



Danger-Fire Fighters at Work (LV-83)

Establishes a safety awareness level for the fire fighter, protective equipment physical fitness, driver training, and fireground operations.

Fire Alarm and Communications (LV-10)

25 minutes

Dramatically traces information flow from the reporting of a fire through fire response. Shows the correct use of radio procedures, fire signals, multiple alarms, and other equipment.

Fire Concepts and Behavior (LV-26)

20 minutes

This film illustrates the principles of combustion to show how fuel, heat, oxygen and chemical chain reactions produce fire. Helps the students better understand how chemical processes result in this common phenomenon.

Fighting Petroleum Storage Fires (LV-50)

Demonstrates the use of water in fighting petroleum storage fires.

Fighting Tank Fires with Water (LV-56)

Demonstrates the use of water while fighting tank fires.

Fire Fighters and Electricity (LV-49)

Explains the dangers and safety techniques involved in energized electrical fires.

Firefighter Safety (LV-43)

Contains the following presentations: Actual fireground footage of firefighters as they received injuries, accompanied by a narrative describing the actions which led to the injury causing situation.

Sandy Lee's Story

A firefighter's story of her accident, the cause of her falling, her recollection of the accident in progress, a description of her injuries, and what actions would have prevented the accident.

Firefighter Safety-Part I (LV-59)

50 minutes

Includes National Fire Academy videos of Firefighter Safety, Sandy Lee's Story, Death of Robert Miller, and the Greg Flegler Incident.

Firefighter Safety-Part II (LV-60)

55 minutes

Includes National Fire Academy videos including: Danger Zone, Training Safety: Lessons for the Future, Managing Communicable Disease Programs, and Firefighter Critical Incident Stress.

Fire Fighting Safety (LV-25)

20 minutes

Filmed live at the scene of a fire to illustrate safety procedures and dangerous conditions, as well as how to avoid disorientation and how to safely operate equipment.

Fire Hose (LV-35)

26 minutes

Everything you've always wanted to know about fire hose! Construction, sizes use of each, couplings, nozzles, fittings, tools, maintenance, care, carries, and packing. Also procedures for: hydrant to fire layouts, fire to hydrant layouts, changing hose with a without clamp, and advancing hose up a ladder and a stairway.

Fire Hose and Nozzles-Part I (LV-2)

30 minutes

Clearly demonstrates hoses, adapters, couplers and other equipment used to join and extend hose lines. Also shows how to roll, carry, drag, and load hose onto pumpers, and demonstrates hose cleaning, repair and inspections.

Fire Hose and Nozzles-Part II (LV-3)

30 minutes

At a fire scene on ladders, stairways and the ground floor of a building, this demonstration of





hose and nozzles uses both dry and charged hose. Shows hookup and advancing the hose to the fire. Covers both individual and team hose handling, emphasizing speed, efficiency and safety.

Fire Streams (LV-11)

20 minutes

Filmed on location to show the use of fire streams in attacking and suppressing Class A and B fires. Demonstrates the proper way to open and close nozzles. Describes water hammer and how to cope with it.

First Aid (LV-6)

30 minutes

Shows current emergency first aid procedures, including ways to evaluate a victim and approved techniques for resuscitation, CPR, control of bleeding, and treatment of shock.

Forcible Entry (LV-7)

15 minutes

Tells the how, why and when of forcible entry, including the use of typical tools for the job. Carefully explains the responsibility for security arising from forcible entry.

General Qualifications (LV-5)

30 minutes

Shows the organization of a fire department and its scope of operation as well as the rules and regulation that apply to each fire fighter. Positively presents departmental rules, regulations, discipline and teamwork.

Ladders (LV-42)

30 minutes

Shows crews actually using various types of ladders up to 35 ft. to move both personnel and equipment. Stresses individual and team effort while demonstrating fire fighting from ladders using hose and other equipment.

Nozzleman (LV-38)

20 minutes

Techniques in handling firefighting hose nozzles and methods of applying water to structural fires in most efficient manner.

Portable Extinguishers (LV-19)

30 minutes

Clearly explains how to select and use extinguishers for different types of fires. Types of extinguishers covered include AFFF, dry chemical, carbon dioxide and Halon.

Positive Pressure Ventilation-Part I (LV-69)

27 minutes

Explains the basic principles of positive pressure ventilation, lists equipment selection criteria and describes basic equipment set-up for salvage and overhaul operations.

Positive Pressure Ventilation-Part II (LV-70)

27 minutes

Demonstrates set-up variations for various structures during salvage and overhaul, including single and multiple story residential structures and basements, commercial structures with apartments, offices, or large open areas and high rise buildings.

Power Tools and Forcible Entry (LV-20)

30 minutes

Live action demonstration of how to use power tools for entering through doors, windows, roofs, ceilings, floors and other barriers. Emphasizes the proper care and use of tools and stresses the importance of safety and discretion while using these tools at the fireground.

Principles of Ventilation (LV-88)

Discusses what ventilation is, what makes it work, and basic fireground procedures to initiate effective, ventilation efforts.

Protective Breathing Apparatus (LV-62)

30 minutes

Develops a thorough appreciation for protective breathing apparatus by explaining and demonstrating types and operation, proper use, and care and maintenance for equipment.



Protective Clothing and Breathing Apparatus (LV-82)

Focuses upon the need for firefighters to utilize full, effective protective equipment while combating fires. Standards for various items of protective equipment and their appropriate use and maintenance are included.

Rescue (LV-13)

20 minutes

Shows approved procedures for locating and rescuing people in burning structures. Demonstrates carries, drags, life nets, stretchers, life belts and other rescue equipment and techniques.

Ropes and Knots (LV-48)

20 minutes

Shows how a firefighter uses ropes and knots to secure and hoist personnel and equipment. All knots are clearly demonstrated.

Salvage (LV-4)

15 minutes

Shows how buildings and contents are salvaged, including the folding and throwing of covers. Emphasizes protection of public and private property.

Salvage and Overhaul Operations (LV-21)

30 minutes

Shows effective, practical procedures for evacuating water and debris from structures using water chutes, catch-alls and other salvage tools. Also demonstrates methods of detecting and extinguishing hidden fires and performing general overhaul.

Search and Rescue (LV-90)

Demonstrates the precautions and procedures necessary to effectively conduct a search for fire victims.

Selecting and Applying Fire Streams (LV-18)

30 minutes

Dramatically demonstrates the effects of proper fire stream application. Shows how to predict necessary fire flow, and how to assemble nozzles and appliances to produce different types of fire streams. Includes special nozzles and foam-making appliances.

Self Contained Breathing Apparatus (LV-84-87)

A series of Self Contained Breathing Apparatus training programs showing up-to-date techniques on the specified subjects.

Essential Maintenance Procedures (LV-85)

Describes proper cleaning procedures and daily, weekly and monthly preventative maintenance inspection procedures.

Duration Time, Facepiece Fit (LV-84)

Factors affecting actual duration time are illustrated, as is the need for and problems related to proper facepiece fit.

Demand and Positive Pressure Types (LV-87)

Explanation of operating principles of the two common regulator designs.

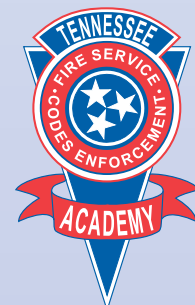
Contaminated Atmospheres (LV-86)

Explores the nature and dangers of unprotected exposure to the products of combustion.

Sprinklers (LV-12)

15 minutes

Clearly explains the operation of water sprinkler systems, including motor alarms, tapping into sprinkler systems for water supply and opening and closing sprinkler systems.





Structural Fire Attack (LV-31)

22 minutes

A training film that promotes the advantages of training through pre-planning. Among the topics discussed are: fire spread methods, determination of required fire flows, back drafts, fire protection priorities, direct and indirect attack, use of hand lines and master streams, and building confidence through training. Recommended for all fire protection personnel.

Testing Water Systems (LV-17)

30 minutes

A thorough view of the technical aspects of examining and testing water supply systems. Includes demonstrations of how to test and read water flow pressures and determine discharge capacities for water systems. Also shows how to predict hydrant usability and determine the cause of friction loss in water mains.

Traffic Control At Emergencies (LV-64)

27 minutes

Helps first response personnel reduce the hazards created by traffic at the scene of an incident by demonstrating the functions and procedures of traffic control operations.

Using and Maintaining SCBA (LV-63)

30 minutes

Describes emergency techniques and demonstrates inspection and maintenance procedures for open and closed circuit system, including cylinder recharging.

Ventilation (LV-1)

30 minutes

Live footage covers principles of ventilation in fire suppression. Shows safely how to cut holes in roofs and floors, break glass, and protect against back draft explosion.

Ventilation-NY (LV-37)

26 minutes

A valuable training film about basic ventilation practices, including practical demonstrations as well as a detailed discussion of ventilation techniques. Produced by the New York Division of Fire Safety.

Ventilation-Natural and Mechanical (LV-89)

Specific techniques of performing natural and mechanical ventilation under various fire attack situations are presented.

Water Distribution Systems (LV-16)

30 minutes

A practical examination identifying the primary components of water systems, including source, movement and distribution.

Cairns-Protective Clothing (LV-51)

Give detailed information on construction features of firefighter's turnout coats as designed by the manufacturer.

First Aid for Burns and Fractures (LV-47)

30 minutes

Competently shows advanced first aid procedures for setting bones and treating fractures, controlling internal bleeding and treating thermal and chemical burns.

FIRE GROUND COMMAND

Fire Ground Operations (LV-14)

30 minutes

Vividly demonstrates how to assume command of a fire or emergency from first alarm through return to quarters. Explains alarm assignments and shows how to size up a situation, formulate a strategy, implement an attack and preserve evidence of a fire's probable cause.

Pre-Fire Planning (LV-24)

30 minutes

Carefully explains pre-fire planning procedures for structures in the community. Identifies key elements of a pre-fire plan and explains their strategic importance.



Structural Collapse (LV-81)

Covers the pre-fire plan, fundamentals of building construction, fire ground responsibilities, rescue operations and analysis of building collapse incident.

FIRE APPARATUS

Developing Fire Flow-Hydraulics (LV-40)

30 minutes

Emphasizes the importance of hydraulics in achieving necessary fire flow, and shows how to calculate desired pump discharge pressure for a variety of fire ground situations.

The Easy Way Out (LV-36)

20 minutes

Explains what foam is, how it works, characteristics of a good firefighting foam, and application procedures.

Elements of Tanker Construction (LV-53)

30 minutes

Defines tankers and their functions. Explains tanker construction and the importance of the design features in filling and dumping water.

Fire Pumps: Operating Principles and Maintenance (LV-66)

30 minutes

This program demonstrates the operating principles and maintenance of fire pumps as part of the requirements to qualify as pumper driver/operator.

Flowmeters (LV-44)

16 minutes

Explores the logic of working with GPM instead of PSI. The operation of one type flowmeter is included.

Ladder and Aerial Apparatus (LV-22)

30 minutes

Dramatically demonstrates aerial ladders and apparatus during rescues and fire suppression operations.

Pre-Fire Planning for Tankers (LV-54)

30 minutes

Assesses the reliability of water resources, structure surveys, response times and alarm assignments. Lists the components of a tanker training program.

Primary Administrative and Automotive Qualifications (LV-65)

30 minutes

This program presents methods and ideas typically used to qualify emergency personnel as apparatus operators.

Tanker Evolutions (LV-55)

30 minutes

Utilizes formulas and ISO tables to calculate tanker shuttle times. Explains fire flow demands and tanker delivery rates.

Waterous Pumps (LV-67)

32 minutes

Describes the principles of fire pump operation and maintenance. Produced by the Waterous Company.

Applying Basic Chemistry to HazMat (LV-72)

34 minutes

Demonstrates and explains the basic properties of hazardous materials to help first responders make safe decisions in emergency situations.

BLEVE (LV-29)

19 minutes

Excellent film explaining the occurrence of bleve (boiling liquid expanding vapor explosions), using animation and case histories to document the dangers of LP Gas and other transported chemicals.





Closed Containers and Fire (LV-32)

20 minutes

Summarizes what firefighting forces should be aware of when fighting fires where containers are involved. It answers two main questions in sizing-up a BLEVE: 1) to what dangers should fire fighters be exposed, and 2) how can each fire fighter minimize risk?

First on the Scene (LV-45)

30 minutes

Produced by the Chemical Manufacturers Association in order to provide guidelines for first arriving units at the scene of a hazardous material incident.

Haz/Mat Awareness (LV-73)

20 minutes

Defines "hazardous materials" and lists life and health dangers and their potential locations in the community. Gives clues and guidelines for first responders.

Haz/Mat Incident Procedures (LV-75)

20 minutes

Covers basic first responders responsibilities involved in incident response procedures.

Haz/Mat Pre-Incident Risk Analysis (LV-74)

20 minutes

Includes hazardous site locations, how to conduct a site survey and what to look for when reading Material Safety Data Sheets.

LP-Gas Emergency Planning and Response (LV-28)

19 minutes

Presents an overview of the characteristics of LP-Gas, the kinds of fire emergencies that can arise and the strategies recommended to handle them.

Teamwork-Safe Handling of a Hazardous Materials Incident (LV-46)

36 minutes

Stresses the need for pre-planning, particularly with regard to other response agencies. Identifying resources, media cooperation and the value of a post-incident critique area is also discussed.

"The Emergency Response Guidebook: A Tool for Safety" (LV-52)

Describes the D.O.T. Guidebook on hazardous materials and clarifies specific aspects of its recommendations on handling incidents.

INSPECTION PRACTICES

Fire Company Inspections (LV-23)

30 minutes

Thoroughly shows how to inspect assembly buildings, businesses and schools, using the skills of the fire company. Explains how to develop a system for performing thorough inspections using fire company personnel.

Inspecting and Testing Sprinkler Systems (LV-41)

30 minutes

Shows how to inspect wet, dry and fixed chemical types of sprinkler systems. Also demonstrates the operation of valves affecting each system and shows how to replace sprinkler heads and reset systems.

Inspection- Part I (LV-8)

20 minutes

Explores the typical causes of fires, showing how inspection can be an important tool for fire prevention and then presents the basics of fire prevention inspections.

Inspection-Part II (LV-9)

30 minutes

A lively presentation of the importance of public relations for inspection programs. Also identifies common hazards and shows how to remove them through mutual cooperation. Gives examples of on-site inspections of industrial and residential structures.



Firebugs (LV-33)

35 minutes

Eight people, each one with a different “hang-up”, but all with one thing in common-they set fires. What is it that motivates a person to deliberately set a fire without any regard for the resulting property damage or the possible loss of life? This unique film drama explores the psychological backgrounds of these eight arsonists and discovers the “why” behind each of their behavioral patterns. The film then dramatically illustrates the role of the first-in firefighters to find and preserve evidence to provide essential information and assistance in the investigation of arson. It is an invaluable training aid to the Fire Service, Law Enforcement Agencies, Fire Academies and schools.

Guide to Investigating Motor Vehicle Fires (LV-103)

45 minutes

This program focuses on the importance of investigating a fire thoroughly. The major topics addressed include: Reasons vehicle fires must be investigated, overall steps in an investigation, types of evidence, protecting evidence, defining the point of origin, heat source, reason for the fire, accelerant usage, identifying contributing factors and procedures for exterior and interior vehicle examinations. This program can be used as a self-study program or in a classroom. The student text is divided into segments that correspond to the videotape segments. You will alternatively view a segment of the videotape and read a portion of the text. Each segment in the text contains specific instructions on how to use the program.

AMERICAN HEAT SERIES**May 1989 Volume 3 Program 11 (LV-76)**

Motel Gas Explosion, Billings, MT-Multi Fatal Fire, Peoria, IL-Kansas City Fatal Explosion Report-Delaware Enhanced 911-Fire Service Caucus, Washington, DC-Pulitzer Prize Winning Fire Photo.

July 1989 Volume 4 Program 1 (LV-77)

Train Derailment & Pipeline Explosion, San Bernardino, CA-Dramatic Bridge Rescue, Jacksonville, FL-Foam Rubber Warehouse Fire, Brent, FL-Tabletop Demonstration-American Heaters.

August 1989 Volume 4 Program 2 (LV-78)

Fatal High-Rise Fire, Atlanta, GA-T.V. Tower Rescue, Baton Rouge, LA-Hackensack Memorial-Fire Fighting Foam Tabletop Demonstration-American Heaters

September 1989 Volume 4 Program 3 (LV-79)

Magnesium Fires: Do's and Don'ts-Construction and Brush Fire, Flagstaff, AZ-Hackensack Chief Interview-Pool Drowning, Phoenix, AZ-American Heaters

October 1989 Volume 4 Program 4 (LV-80)

Flashovers, Oklahoma City, OK, Biloxi, MS-Flight 232, Sioux City, IA-Collapse, Orange County, FL-Kansas City Fatal Blast-American Heaters

November 1989 Volume 4 Program 5 (LV-91)

1st Report: San Francisco Earthquake, Plastic Recycling Plant Blaze: Exeter, PA, Fatal Train Wreck: Catlett, VA, Emergency Response Driver Safety, Swift Water Rescue: Baltimore County, MD, Fatal Industrial Fire: Pasadena, TX

December 1989 Volume 4 Program 6 (LV-92)

San Francisco, Oakland, Bay Area Earthquake-Special Edition

January 1990 Volume 4 Program 7 (LV-93)

Nursing/Retirement Home Fires: Norfolk and Roanoke, VA, Johnson City, TN Navy Jet Crash: Smyrna, GA, Cold Weather Firefighting, Washington Notebook, American Heaters





February 1990 Volume 4 Program 8 (LV-94)

Power Plant Explosion & Fire: Bronx, NY, Highrise & Exposure Fire: Los Angeles, CA, Americana Amusement Fire: LeSourdsville, OH Manhole Explosion & Rescue: Walpole, MA University of Cincinnati: College Questions

March 1991 Volume 4 Program 9 (LV-95)

Mill Conflagration: Providence, RI, Gravel Cave In Rescue: Prince George's County, MD, Highway Pileup: Flagstaff, AZ, 2nd Alarm, Part I; Ice/Water Safety & Rescue Techniques, American Heaters, 3rd Alarm, Cal Hypo & ISO's

April 1990 Volume 4 Program 10 (LV-96)

Social Club Fire Kills 87: New York, NY First Report, Subway Crash: Philadelphia, PA, Firefighter Cancer: Ft. Lauderdale, FL, 2nd Alarm, Tire Fire: Nanicoke, Ontario, Water & Ice Safety, Part 2

May 1990 Volume 4 Program 11 (LV-97)

Hotel Fatal Fire: Miami, FL, Bow String Truss Roof Collapse, Beaverton, OR Boat Works Fire: Palm Beach, FL 2nd Alarm, Class "A" Foams: Municipal Fire Fighting, Elkton, ML

June 1990 Volume 4 Program 12 (LV-98)

Train Derailment & Explosions: Armstrong County, PA, Citgo Tank Farm Fire: Tampa, FL 2nd Alarm, Flammable Solids Fires: Seattle, WA, American Heaters

July 1990 Volume 5 Program 1 (LV-99)

Mega Borg Tanker Fire: Texas Gulf Coast, Fatal Fire Engine Crash, Part I: Waterbury, CT 2nd Alarm, Swedish National Rescue School, Part I: Rosersberg, Sweden, American Heaters

August 1990 Volume 5 Program 2 (LV-100)

Wild Land Blazes: Santa Barbara, CA, Historic Woolworth's Fire: Miami, L, 2nd Alarm, Fatal Fire Engine Crash, Part 2: Waterbury, CT, Swedish Flashover Training

September 1990 Volume 5 Program 3 (LV-101)

BASF Plant Explosion: Cincinnati, OH, Fatal Floods: Shadyside OH, 2nd Alarm, Plastics Warehouse Fire: Syracuse, NY, American Heaters

October 1990 Volume 5 Program 4 (LV-102)

Metro-Rail Fire: Los Angeles, CA, Lightning Fire: West Palm Beach, FL, Massive Tornado: Plainfield, IL, 2nd Alarm, Class A Foam Tests: Sikeston, MO, American Heaters

November 1990 Volume 5 Program 5 (LV-104)

Isopropyl Alcohol Fire: Tampa, FL, Toddler Rescue: Denver, CO, 2nd Alarm, Earthquake Preparedness for the Public, National Fire Prevention Week Ceremonies

December 1990 Volume 5 Program 6 (LV-105)

Universal Studios Blaze: Los Angeles, CA, Jupiter Shipboard Fire: Bay City, MI 2nd Alarm, Fatal Fraternity Fire: Berkeley, CA Fire Service Training Academies

January 1991 Volume 5 Program 7 (LV-108)

Tank Farm Inferno: Denver, CO, Magnesium Fire: City of Industry, CA 2nd Alarm, Apartment complex Blaze: Thousand Oaks, CA American Heaters

February 1991 Volume 5 Program 8 (LV-109)

10 Alarm Conflagration: Revere, MA, Major Freeway Pileup: Calhoun, TN 2nd Alarm, Natural Gas Explosion: Fort Benjamin Harrison, IN, Natural Gas Discussion



March 1991 Volume 5 Program 9 (LV-110)

Philadelphia High Rise Fire, USAIR Collision: Los Angeles, CA, City Block Fire Fatality: Paterson, NJ, 2nd Alarm, Block Long Blaze: Brooklyn, NY, Tree Stump Fire: Baltimore County, MD

April 1991 Volume 5 Program 10 (LV-111)

Expanded Report: Philadelphia High Rise Fire, 2nd Alarm, Yellow Phosphorus Train Derailment: Cooper County, MO Deep Mine Rescue Training: Timonium, MD

Assistance to Firefighters Grant Program 2003 Applicant Workshop (LV135) 55 minutes

To protect health and safety of the public and Firefighters against fire and fire related hazards and to provide assistance for fire protection programs. How to obtain grants.



TENNESSEE FIRE SERVICE AND CODES ENFORCEMENT ACADEMY MULTIMEDIA LIBRARY LENDING AGREEMENT

The below named Agency, desiring to borrow various multimedia training materials from the Tennessee Fire Service and Codes Enforcement Academy (TFACA), agrees to the following conditions.

1. All loan requests are to be submitted in writing.
2. The borrowing Agency agrees to pay return shipping costs, using comparable service (United States Postal Service (1st Class), UPS, Federal Express, Airborne, etc.) and insure item for the appropriate, designated amount.
3. In the event that a loaned item is damaged, lost, destroyed, accidentally erased or otherwise tampered with, the borrowing Agency agrees to reimburse TFACA for its replacement cost of \$50.00.
4. The borrowing Agency agrees to complete a brief survey on each item.
5. The borrowing Agency agrees to identify the Agency representative and not more than two additional designees as being authorized to initiate loan requests.
6. The borrowing Agency agrees to ensure that personnel using borrowed items will have available and be familiar with the TFACA Multimedia Lending Library Policy.

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Agency: _____

*Agency
Representative: _____ *Please Print*

*Agency
Representative: _____ *Signature*

Address: _____

City: _____ State: TN Zip: _____

Telephone: (____) _____ Date: _____

Fax: (____) _____ Email: _____

Members authorized to initiate loan requests: Please print and provide signature.

1. _____ 2. _____

Phone: _____ Phone: _____

Email: _____ Email: _____

**The Agency Representative must be a person authorized by the Agency he/she represents to be responsible for the payment of invoices. Please return this form to: TFACA, 2161 Unionville-Deason Road, Bell Buckle, TN 37020*

FACILITY UTILIZATION & BOOKSTORE

FACILITY UTILIZATION

The Tennessee Fire Service and Codes Enforcement Academy is a full service campus with conference rooms, outdoor areas and classrooms available to agencies that require extra space for training of personnel.



Smyrna National Guard
Haz-Mat Drill Team



BOOKSTORE INFORMATION

The Tennessee Fire Service and Codes Enforcement Academy Bookstore is available to students and visitors alike whom wish to purchase TFACA memorabilia. We offer publications and manuals, apparel, gift items and many more! Be sure to stop in while on campus!





TFACA

TENNESSEE FIRE SERVICE AND CODES ENFORCEMENT ACADEMY

2161 UNIONVILLE/DEASON ROAD
BELL BUCKLE, TN 37020
Phone (931) 294-4111 or fax (931) 294-4121

REGISTRATION FORM

PLEASE PRINT LEGIBLY

PLEASE FILL OUT COMPLETELY UNLESS INSTRUCTED OTHERWISE.

FOR OFFICIAL USE ONLY

SECTION 1 - GENERAL INFORMATION

Please print your name FIRST, MI, LAST	RANK or TITLE	SOCIAL SECURITY NO. ____ - ____ - ____
Home Address (St., Ave., Road No./City or Town/State/Zip Code)		Home Phone # () Work Phone # ()
In Case Of Emergency Contact:		Phone # ()
Agency, Organization or Business That You Represent, Address, ZIP Code	Fire Dept ID: (if applicable)	Phone # ()
Please check: Municipal Fire Department: ____ Career ____ Vol. ____ Combination County/Other Fire Department: ____ Career ____ Vol. ____ Combination Municipal Codes Department: ____ County Codes Department: ____ Private Industry: ____ State Govnt.: ____ Federal Govnt.: ____ Other ____		Number of Years Service _____
Circle the number that reflects the highest level of your formal education: High School 9 10 11 12 GED College 1 2 3 4 Graduate School 1 2 3 4 5	Check Male <input type="checkbox"/> Female <input type="checkbox"/>	Date of Birth (mm/dd/yyyy) Any physical impairments? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, please note accommodations requested in comments section below.

SECTION II - COURSE REGISTRATION (All courses require a minimum number of students)

Course Number	Course Title	Course Date(s)	Course Fee
Have you attended TFACA or TN Fire School classes previously? Yes ____ No ____	Approximate date of last course taken?	Are you an American citizen? Yes <input type="checkbox"/> No <input type="checkbox"/>	If not American citizen, where were you born? _____

TN Code Inspector Certification # I If applicable): Fire ____ Building ____	Tennessee Resident: Yes <input type="checkbox"/> No <input type="checkbox"/>
Comments: _____ _____ _____	

I certify that the information recorded on this application is correct. I agree to abide by the rules, policies, and regulations of the Tennessee Fire Service and Codes Enforcement Academy. If I am admitted as a student, falsification of information may result in denial of course attendance or a course certificate. I hereby authorize the release of any and all information concerning my enrollment in this course to my sponsoring agency. Further, I understand that the State of Tennessee/TFACA does not provide insurance for students and does not accept responsibility for injuries incurred at the Academy.

APPLICANT SIGNATURE

DATE

ACCOMMODATIONS

DORMITORY AND MEAL INFORMATION

STUDENT ACCOMMODATIONS:

Course: _____ Course Start Date: _____

Name: _____ Contact Phone: () _____

Dormitory Accommodations Needed (☐ Yes ☐ No)

Arrival Date: _____ (Students must check in at Registration Office upon arrival)

Departure Date: _____ (Check-out time is 8:00 a.m.)

Total Length of Stay: _____ days / _____ nights (i.e., 5 days/4 nights)

GROUP ACCOMMODATIONS:

Name of Group / Fire Department / Organization: _____

Contact Name : _____ Contact Phone:() _____

Number of rooms required: _____

Number of Male Occupants: _____ Female: _____

No. of Handicapped Accessible rooms required: _____

Total length of stay: _____ (i.e., 5 days/4nights)

How many in Group / Fire Department / Organization: _____

If you have any questions regarding accommodations, please contact Kerry Atwell, Hospitality Manager @ 931-294-4305 or 1-800-747-4111.

Transcript Request

THE ACADEMY WILL RELEASE TRAINING RECORDS AND TRANSCRIPTS ONLY UPON PROPER COMPLETION OF THIS FORM. RECORDS AND TRANSCRIPTS WILL BE MAILED TO THE LOCATION SPECIFIED BELOW. ALL REQUESTED INFORMATION MUST BE COMPLETED.

STUDENT REQUESTOR:

NAME: _____

ADDRESS: _____ APT #: _____

CITY: STATE: ZIP:

COURSE NAME: _____

COURSES ATTENDED BETWEEN (DATES/YEARS): _____

SOCIAL SECURITY NUMBER: _____

WORK PHONE: () _____ HOME PHONE: () _____

SEND RECORDS/TRANSCRIPTS TO:

COLLEGE/UNIVERSITY/AGENCY NAME: _____

ATTENTION: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

REQUESTOR'S SIGNATURE: _____

SPECIAL NOTE TO REQUESTOR: It is the responsibility of the requestor to accurately and completely fill out the requested information. All requested information must be signed by the student and can not be requested by the department, college or university.

Mail completed requests to : TN Fire Service and Codes Enforcement Academy
 ATTN: Registrar
 2161 Unionville-Deason Road
 Bell Buckle, TN 37020

Or fax completed request to: 931.294.4121

TFACA

Form IN-1475 (updated 1/03)

CONTACT INFORMATION

Address:

Tennessee Fire Service and Codes Enforcement Academy
2161 Unionville-Deason Road
Bell Buckle, Tennessee 37020
Toll-Free: 1.800.747.8868
931.294.4111

Web Site Address:

www.state.tn.us/commerce/sfm/tfaca

General Information: tfaca.info@state.tn.us

Registration/Accommodations: tfaca.registration@state.tn.us

Administration

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Executive Director, Roger Hawks

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Administrative Assistant to Executive Director, Risë Chockley

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Fire Service Program Director, David E. Hedrick

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Codes Enforcement Program Director, Denny Boss

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Facility Administrator, Fred Sims

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Administrative Services Manager, Harold Young

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Business Services Coordinator, George Wilson

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Information Resource Support Specialist, Steve Jones

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Dorm Clerk, Marie Darnell

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Security





Fire Service Program

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Middle TN Regional Instructor, Barron Kennedy

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Regional Codes Enforcement Instructor Supervisor, Steve Smith

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Lending Library

Electronics Tech I, Thomas Werner

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Facility Maintenance

Facility Maintenance Supervisor, David Trott

931.294.4360 david.trott@state.tn.us

Maintenance Worker III, Steve Guess

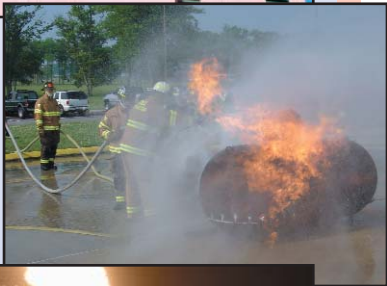
931.294.4363 james.guess@state.tn.us

Maintenance Worker II, Tony Helton

931.294.4363 tony.helton@state.tn.us

Property Officer, Teri LaFleur

931.294.4361 teri.lafluer@state.tn.us



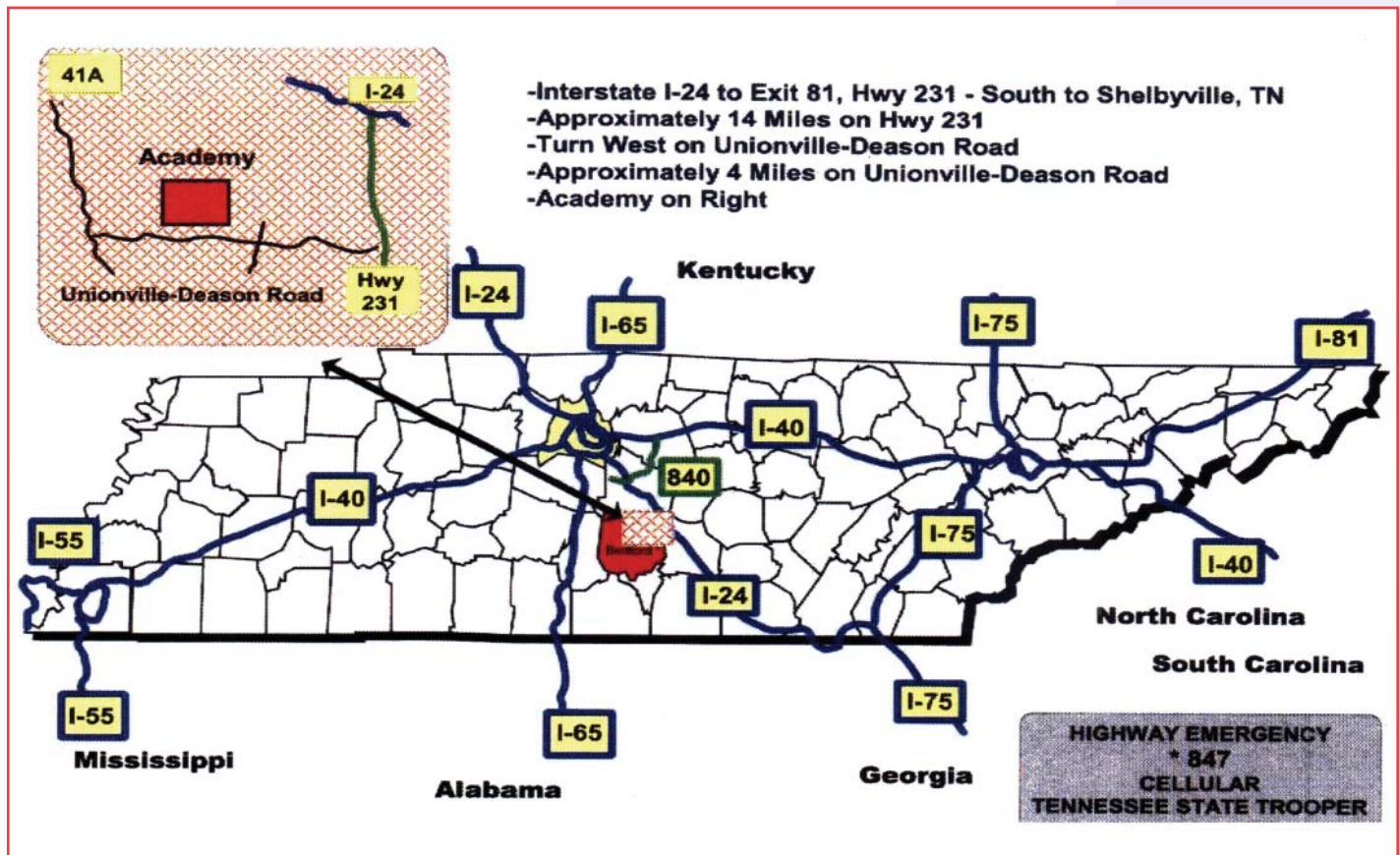
DIRECTIONS TO TFACA

From Nashville:

Take I-40 East to I-24 East towards Chattanooga. Next, take US-231 South towards Shelbyville (Exit 81-A). Go approximately 14 miles and turn right onto Unionville-Deason Road. Entrance to TFACA is 4.75 miles on the right.

From Knoxville:

Take I-40 West to TN-840 towards Chattanooga (Exit 235). Next, take I-24 East to US-231 South towards Shelbyville (Exit 81-A). Go approximately 14 miles and turn right onto Unionville-Deason Road. Entrance to TFACA is 4.75 miles on the right.



From Memphis:

Take I-40 East towards Nashville to I-24 East towards Chattanooga. Next, take US-231 South towards Shelbyville (Exit 81-A). Go approximately 14 miles and turn right onto Unionville-Deason Road. Entrance to TFACA is 4.75 miles on the right.

From Chattanooga:

Take I-24 West to towards Nashville. Next, take US-231 South towards Shelbyville (Exit 81). Go approximately 14 miles and turn right onto Unionville-Deason Road. Entrance to TFACA is 4.75 miles on the right.



In honor of the Emergency Service First Responders
who unselfishly gave their lives on

September 11, 2001. *We will never forget!*
And to those that continue to serve our Nation's citizens everyday!

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